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GROUP 3600

Each of the four components just mentioned above (54, 56, 58 60) which make up inner collar structure 50 is essentially identical to the other such components, and accordingly, only component 58 is now described in detail. Component 58 includes a somewhat planar, plate-like body 56a 58a, with an inner, planar face 58b which lies flush with column face 28d. Body 56a 58a also includes a planar, outer face 58c which lies in a plane that slopes downwardly and slightly outwardly away from the long axis 28a of column 28 (see particularly Figs. 3 and 5). Face 58c is referred to herein as a bearing face.

Projecting as an island outwardly from face 58c as illustrated is an upwardly tapered, wedge-shaped cleat 58d which extends, with generally uniform thickness, from slightly above the vertical midline of component 58 substantially to the bottom thereof. The laterally and upwardly facing edges of cleat 58d are underbeveled for a reason which will become apparent shortly. This underbeveling is best seen in Figs. 3, 4 and 6. Cleat 58d is referred to herein also as cleat structure, and as gravity-effective, first-gender structure.

In building structure 20, inner collar component 58 connects, in a complementary manner which will now be described, with outer collar component 66 in outer collar structure 52. Structure 52 constitutes a column-axis-circumsurrounding portion of collar structure 50. The somewhat planar body of component 66 has an outer face 66a which is welded to beam 46, and which is vertical in disposition in structure 20. Component 66 also has a broad, inner face 66b which lies in a plane that substantially parallels the plane